

**DICHLOROSILANE**

TRANSPORT INFORMATION:  
UN No. 2189



FORMULA:  $\text{SiH}_2\text{Cl}_2$   
MSDS REFERENCE: 4587  
CAS No.: 4109 - 96 - 0  
GENERAL DESCRIPTION:  
Colorless, highly toxic, corrosive,  
flammable, liquified gas with a sharp,  
hydrochloric acid odor.

Shipping Name: Dichlorosilane      Dichlorosilane      Dichlorosilane

Hazard Class: 2.3      2.3 (2.1)      2.3

Label: Toxic Gas, Flammable Gas, Corrosive      Toxic Gas, Flammable      Toxic Gas, Flammable Gas, Corrosive

**Product and Package Information**

PART NO.	PRODUCT GRADE	QUALITY ASSAY / SPECIFICATION	CYLINDER STYLE	CONTENT $\text{ft}^3 / \text{m}^3$	REGULATOR RECOMMENDATIONS SEE REFERENCE GUIDE (SECTION F, PAGE 2)
DI 2.7SP	2.7 SEMICONDUCTOR PROCESS GAS	99.7 % Inert Gas < 1000 ppm Monochlorosilane < 800 ppmw Trichlorosilane < 2000 ppmw Silicon Tetrachloride < 300 ppmw C < 0.05 ppmw Al < 0.04 ppbw As < 0.03 ppbw B < 0.02 ppbw Fe < 3 ppbw P < 0.05 ppbw Resistivity > 400 Ohm-cm	SA	95 lb / 43.09 kg	700 SERIES : Semiconductor 400 SERIES : Corrosive
DI 2.0SP	2.0 SEMICONDUCTOR PROCESS GAS	99.0 % Inert Gas < 10,000 ppm Other $\text{SiCl}_x$ < 10,000 ppmw C < 2 ppmw Al < 0.1 ppbw As < 0.1ppbw B < 0.1ppbw Fe < 10 ppbw P < 0.1 ppbw Resistivity > 150 Ohm-cm	K	90 lb / 40.8 kg	700 SERIES : Semiconductor 400 SERIES : Corrosive

For ordering purposes, please add the desired cylinder style to the end of the above part number.

SEE SECTIONS G AND H FOR SAFETY AND TECHNICAL INFORMATION.

**Cylinder Information**

CYLINDER STYLE / CGA	PRESSURE psig / kPa, gauge	GROSS WEIGHT lb / kg
K / 678 / 636	9 / 62	225 / 102
SA / 678 / 636	9 / 62	133 / 60

*For additional information on our semiconductor process gases, see Section E - Semiconductor.*